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ABSTRACT

Recent trends in graduate enrollment at the master's level in Canadian universities are reviewed and a profile of the socioeconomic characteristics of these graduate students is presented. Data are presented on full- and part-time masters student enrollment by field of study, by region and field of study, by sex and discipline, and by permanent residence. Thirty-three tables present data on the following characteristics of full- and part-time master's level students: marital status, number of children, age distribution, country of birth, country of citizenship, immigration status, date of achievement of landed immigrant status, career location, reason for graduate study, employment sector, anticipated year of graduation, and anticipated employment sector. In the early seventies, Canadian universities granted more than 10,000 masters degrees annually, compared with less than 3,000 per year during the early sixties. Part-time enrollment is now almost as large as full-time enrollment. About 75 percent of masters students are male. The large majority of full- and part-time masters students are permanent residents of their province of study, and more than 50 percent of the full-time students are Canadians by birth. Almost 75 percent of the full-time students are Canadian citizens. The majority of the part-time masters students are over 28 years old, and 36 percent of them are single. Over 60 percent of the full-time students are single. Eighty-six percent of the full-time masters students prefer to remain in Canada, with 40 percent anticipating employment in universities, 20 percent in government, and slightly more than 20 percent in industry or private agencies. (SC)

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MASTERS STUDENTS IN CANADA

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Policy Division
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SOME HIGHLIGHTS

... in the early seventies, Canadian universities granted more than 10,000 masters degrees annually, compared with less than 3,000 a year during the early sixties.

... more than three-quarters of these masters degrees were in the humanities and social sciences, and this trend will continue.

... full and part-time masters enrolment was 37,500 in 1974-75.

... since 1969-70, full-time enrolment in the humanities and the sciences has remained stable.

... part-time enrolment is now almost as large as full-time enrolment, whereas in the late sixties, it was only one-third.

... almost three out of four masters students were male.

... 40% of full-time masters students were enrolled in Ontario universities.

... the large majority of full- and part-time masters students were permanent residents of their province of study.

... 61% of the full-time masters students were single, compared with 36% of the part-time students.

... the majority of part-time masters students were 29 years or older.

... 61% of full-time masters students were Canadians by birth, and 74% were Canadian citizens.

... 86% of full-time masters students preferred to remain in Canada.

... the anticipated employment sectors of full-time masters students were: 40% in universities, 20% in government, and slightly more than 20% in industry or private agencies.

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The expansion of graduate education in Canadian universities has been discussed in two other reports.(1) This study reviews recent trends in graduate enrolment at the masters level, and investigates the socio-economic characteristics of these students.(2)

It is of interest to note the number of masters degrees produced in Canada since 1960-61. During the early sixties, Canadian universities granted fewer than 3,000 masters degrees annually. Ten years later, this number more than tripled to over 10,000. (Table 1) In 1960-61, 66.1% of the masters degrees were granted in the human sciences; this proportion increased to 75.6% in 1973-74. The number of masters degrees in the social sciences, including education, increased from about 1,000 in 1960-61 to over 5,500 in 1973-74. Although the proportion of masters degrees in the natural sciences has declined vis-à-vis the human sciences from 33.9% to 24.4%, the absolute number of degrees granted in the natural sciences has more than tripled from 755 to over 2,500.

The levelling off of graduate enrolment in the early seventies had an impact on the number of masters degrees granted in 1973-74, especially in the natural sciences and this trend continued for 1974-75. For the next few years it can be expected that 10,000 masters degrees will be forthcoming annually, and that almost 80% of these will be in the human sciences.

Table 2 explores the enrolment trend by field of study. The total number of full-time and part-time masters students increased from 28,500 in 1969-70 to about 37,500 in 1974-75. This increase is almost exclusively attributable to sustained enrolment growth in the social sciences from 13,800 to 20,600. Enrolment in the humanities, the physical sciences, and the biological sciences and health professions has remained rather stable during the last five years. Any increase was due to part-time enrolment growth. In the humanities, the percentage of part-time students rose from 36.8% in 1969-70 to 45.0% in 1974-75, and in the social sciences from 43.1% to 54.7%. (Table 3) A similar pattern existed for the natural sciences, although the percentage of part-time students is smaller for the physical and life sciences.

In 1974-75, 5.9% of the full- and part-time masters students were enrolled in the Atlantic universities, 30.7% in Quebec, 42.1% in Ontario and 21.2% in the Western provinces. (Table 4) Over time the proportion in the Atlantic and Western provinces has declined, while it rose in Quebec. Ontario's share has remained reasonably stable. There was some variation among fields of study. Quebec had a larger share of students in the humanities (41.2%) than its average for all fields (30.7%).

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(1) "Ph.D. Students in Canada", and "Post-Doctorals in Canada in the Mid-Seventies", Secretary of State, December 1975.

(2) The sources of data are discussed in "Ph.D. Students in Canada, A Statistical Documentation", Secretary of State, December 1975.

In the Western provinces, the proportion in the life sciences was 30.7%, compared with 21.2% for all fields of study.

Table 5 gives a regional distribution by field of study. For all four regions, the proportion of masters students in the social sciences was around 50%.

Table 6 shows enrolment by sex and discipline.(3) For most fields of study, nearly three out of four masters students were male. In the physical sciences, the percentage was 85.2%, and in engineering, 96.8%. Only in disciplines such as fine and applied arts, education, modern languages, and literature were there as many female students as male. A similar pattern existed for part-time students. (Table 7)

Enrolment of full-time masters students by field of study and by region or province shows the following pattern: 39.7% were enrolled in Ontario universities, 25.5% in Quebec, 27.1% in the Western provinces and 7.7% in the Atlantic provinces. (Table 8) Ontario universities had a higher proportion in the humanities (44.3%) and social sciences (42.3%) than their average for all disciplines. Conversely, the Western provinces had proportionately more students in agriculture and biological sciences (45.7%). British Columbia had 19.0% of all masters students in education and 26.7% of all fine and applied arts students. For part-time students, the predominance of Ontario and Quebec was even more pronounced (81.5%), whereas only 1.6% of the part-time students were in British Columbia(4) (Table 9)

The large majority of full- and part-time masters students were permanent residents of their province of study. In the Atlantic provinces, this percentage was 79.6%, while 14.7% from that region were studying in Ontario. (Table 10) In Alberta and British Columbia, more than 80% were residents of their province of study. Most part-time students, were also residents of their provinces of study. (Table 11)

The table on marital status indicates that 60.9% of full-time students were single.(Table 12) Only 36.4% of part-time students were not married. More than two-thirds of the married students had no children and 16.0% had only one child. (Table 13 and 14)

More than half (53.2%) of the full-time masters students were aged 22 to 25. (Table 15) Another 22.7% were 29 or older, although this ranged from 9.8% in mathematics and the physical sciences to 51.1% in education. Part-time students were older, half of them being at least 29. (Table 16)

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(3) Approximately 80% of masters students are part of the University Student Information System of Statistics Canada, so in absolute numbers the figures have to be increased by about 20% in order to cover the total student population.

(4) There may be under-reporting of part-time students from some universities.

Overall, 61.3% of full-time masters students were Canadian by birth, with a low of 44.1% in engineering. (Table 17) Another 7.1% were born in the United States, and 16.5% in Europe. Asia was the birthplace of 23% of the engineering students, and 15.3% of the mathematics and physical science students. In philosophy, 24.1% were born in the United States and 20.8% of the geography students were from Great Britain. A larger percentage of part-time students (70.7%) were Canadian-born. (Tables 19 and 20)

Distribution by citizenship 1972-73 shows that 73.7% were native-born or naturalized Canadians. (Table 21) Most U.S. students appear to have retained their American citizenship. In contrast, half the Europeans had become Canadian citizens.

Tables 23 and 24 show the legal status of full-time masters students: 72.6% were Canadian citizens, 15.1% were landed immigrants, and 12.3% were foreign. There was some variation among fields of study and selected disciplines. In the case of part-time students, 85.8% were Canadian citizens, 11.2% were landed immigrants, and 3% were foreign.

Most of the landed immigrants (68.5%) had obtained this status between 1969 and 1971, whereas only 10.5% had been landed immigrants before 1965. (Table 26) The majority of part-time students had obtained landed immigrant status before 1969. (Tables 27 and 28)

In 1972, 86.3% of full-time masters students wished to remain in Canada to work; 9.5% indicated a preference for outside of Canada, and 4.2% expressed interest in both. (Table 29) More than 90% of part-time students preferred to remain in Canada. On a discipline basis more than 14% of the full-time masters students in economics, geography, agriculture and chemistry expressed a preference for career location outside of Canada. (Table 30)

Reasons given by full-time students for study at the masters level were: to improve qualifications (54.7%); to qualify for another job (31.8%) and other reasons (13.5%).(Table 31) Whereas in education more than two-thirds wanted "to improve their qualifications", in certain disciplines, e.g., history, political science, and chemistry, "to qualify for other occupations" was the predominant motive. (Table 32) "To improve qualifications" was part-time students' major reason for continuing their education, while only 16.9% indicated "to qualify for other occupations".

A surprisingly large number of full-time masters students were also employed full-time. Some of them were likely on educational leave. Universities employed 22.5%; the three levels of government 22.3% and other educational institutions 22.9%. (Table 33) Only 5.4% were from industry. There were of course, variations in employment sector by field of study and selected disciplines. (Table 34) The largest percentage of part-time students (40.2%) were employed in elementary and secondary schools (40.2%). (Table 35) Government employed 16.1%, and universities 13.5%.

Two-thirds of the masters students anticipated graduation in the year the Tri-Council Survey was conducted, and almost one-third planned to graduate within two years of the Survey. (Tables 37 and 38) Part-time students had a longer time horizon, although 55.4% expected to graduate within a year. (Tables 39 and 40)

When the students were asked to indicate their anticipated employment sector, 39.8% chose universities with a high of 63.8% in the humanities and a low of 21.5% in engineering. (Table 41) Government employment was preferred by 20.2%, with a low of 8.2% in the humanities, and a high of 35.2% in agriculture and biological sciences. Few full-time masters students desired employment in community colleges (4.3%). Slightly more than one-fifth indicated a preference for employment in industry or private practice. Only among engineering students was there a heavy demand for employment in industry (51.2%). In selected disciplines, the proportion preferring university employment was as high as 86.6% in philosophy and as low as 17.9% for agriculture. (Table 42) More than half (58%) the economists preferred government employment and the same was true in agriculture (54.3%). The demand for industrial employment was slight except in geology (47.5%). About 40% of the part-time students sought or were already employed in elementary and secondary education. (Table 43) More than two -thirds of all part-time students anticipated employment in the educational sector, and less than 10% in industry.

TABLE 1

MASTERS DEGREES GRANTED BY FIELD OF STUDY,
1960-61 TO 1973-74*

	HUMAN SCIENCES			NATURAL SCIENCES					
	HUMANITIES	SOCIAL SCIENCES	SUB-TOTAL	AGRICULTURAL & BIOLOGICAL SCIENCES	ENGINEERING & APPLIED SCIENCES	HEALTH PROFESSIONS	MATHEMATICS & PHYSICAL SCIENCES	SUB-TOTAL	TOTAL
1960-61	466 (20.9)	1,006 (45.2)	1,472 (66.1)	147 (6.6)	243 (10.9)	83 (3.7)	282 (12.7)	755 (33.9)	2,227
1961-62	472 (19.3)	1,128 (46.2)	1,600 (65.5)	157 (6.4)	286 (11.7)	99 (4.1)	299 (12.3)	841 (34.5)	2,441
1962-63	536 (19.4)	1,280 (46.5)	1,816 (65.9)	192 (7.0)	295 (10.7)	108 (3.9)	344 (12.5)	939 (34.1)	2,755
1963-64	649 (20.5)	1,426 (45.0)	2,075 (65.5)	217 (6.9)	362 (11.4)	125 (4.0)	386 (12.2)	1,090 (34.5)	3,165
1964-65	699 (19.5)	1,642 (45.9)	2,341 (65.4)	239 (6.7)	445 (12.4)	154 (4.3)	402 (11.2)	1,240 (34.6)	3,581
1965-66	894 (20.0)	2,030 (45.3)	2,924 (65.3)	330 (7.4)	518 (11,6)	165 (3.7)	535 (12.0)	1,548 (34.7)	4,472
1966-67	1,133 (21.5)	2,395 (45.5)	3,528 (67.0)	347 (6.6)	550 (10.5)	227 (4.3)	613 (11.6)	1,737 (33.0)	5,265
1967-68	1,224 (21.3)	2,537 (44.2)	3,761 (65.5)	389 (6.8)	730 (12.7)	231 (4.0)	633 (11.0)	1,981 (34.5)	5,742
1968-69	1,484 (21.1)	3,304 (46.9)	4,788 (68.0)	376 (5.3)	932 (13.3)	246 (3.5)	693 (9.9)	2,247 (32.0)	7,035
1969-70	1,758 (20.8)	4,051 (47.9)	5,809 (68.7)	491 (5.8)	986 (11.6)	290 (3.4)	885 (10.5)	2,652 (31.3)	8,461
1970-71	2,084 (21.6)	4,601 (47.7)	6,685 (69.3)	552 (5.7)	1,175 (12.2)	277 (2.9)	949 (9.9)	2,953 (30.7)	9,638
1971-72	2,359 (23.0)	5,073 (49.6)	7,432 (72.6)	544 (5.3)	1,026 (10.0)	292 (2.9)	957 (9.2)	2,826 (27.4)	10,258
1972-73	2,367 (22.3)	5,532 (52.0)	7,899 (74.3)	474 (4.5)	1,011 (9.5)	321 (3.0)	924 (8.7)	2,730 (25.7)	10,629
1973-74	2,285 (22.2)	5,510 (53.4)	7,795 (75.6)	410 (4.0)	930 (9.0)	310 (3.0)	865 (8.4)	2,515 (24.4)	10,310

*Figures in brackets indicate percentage distribution.
Source: Statistics Canada, published and unpublished data.

TABLE 2

FULL AND PART-TIME MASTER STUDENT ENROLMENT
BY FIELD OF STUDY, 1969-70 TO 1974-75

ACADEMIC YEAR	HUMANITIES	SOCIAL SCIENCES	SUB-TOTAL	PHYSICAL SCIENCES	BIOLOGICAL SC. & HEALTH PROFESSIONS	SUB-TOTAL	TOTAL
1969-70	5,871	13,756	19,627	5,603	3,234	8,837	28,464
	(20.6)	(48.3)	(68.9)	(19.7)	(11.4)	(31.1)	(100.0)
1970-71	5,938	15,202	21,138	5,565	3,329	8,894	30,032
	(19.8)	(50.6)	(70.4)	(18.5)	(11.1)	(29.6)	(100.0)
1971-72	5 804	16,732	22,536	5,457	3,008	8,465	31,001
	(18.7)	(53.9)	(72.6)	(17.6)	(9.8)	(27.4)	(100.0)
1972-73	5,771	18,142	23,913	5,258	2,999	8,257	32,170
	(18.0)	(56.4)	(74.4)	(16.3)	(9.3)	(25.6)	(100.0)
1973-74	5,944	19,892	25,836	5,911	3,162	9,073	34,909
	(17.0)	(57.0)	(74.0)	(16.9)	(9.1)	(26.0)	(100.0)
1974-75	6,798	20,623	27,421	6,446	3,635	10,081	37,502
	(18.1)	(55.0)	(73.1)	(17.2)	(9.7)	(26.9)	(100.0)

Source: Adapted from data of the Canadian Association of Graduate Schools.

TABLE 3

FULL-TIME AND PART-TIME MASTERS STUDENTS AS A PERCENTAGE OF THE TOTAL, 1968-69 TO 1974-75

	HUMAN SCIENCES						NATURAL SCIENCES								
	HUMANITIES			SOCIAL SCIENCES			PHYSICAL & APPLIED SCIENCES			LIFE SCIENCES			TOTAL		
	FULL/ TIME	PART/ TIME	TOTAL	FULL/ TIME	PART/ TIME	TOTAL	FULL/ TIME	PART/ TIME	TOTAL	FULL/ TIME	PART/ TIME	TOTAL	FULL/ TIME	PART/ TIME	TOTAL
1968-69*	62.3	37.7	5,073	56.4	43.6	10,767	78.5	21.5	5,131	85.8	14.2	2,845	65.9	34.1	23,816
1969-70	63.2	36.8	5,871	56.9	43.1	13,756	76.9	23.1	5,603	84.4	15.6	3,234	65.3	34.7	28,464
1970-71	61.5	38.5	5,936	55.0	45.0	15,202	76.2	23.8	5,565	81.3	18.7	3,329	63.1	36.9	30,032
1971-72	56.4	43.6	5,804	51.7	48.3	16,732	71.3	28.7	5,457	76.3	23.7	3,008	58.4	41.6	31,001
1972-73	53.0	47.0	5,771	48.8	51.2	18,142	65.3	34.7	5,258	73.0	27.0	2,999	54.5	45.5	32,170
1973-74	52.7	47.3	5,944	46.8	53.2	19,892	60.9	39.1	5,911	71.9	28.1	3,162	52.5	47.5	34,909
1974-75	55.0	45.0	6,798	45.3	54.7	20,623	58.7	41.3	6,446	73.5	26.5	3,635	52.1	47.9	37,502

Source: Adapted from data of the Canadian Association of Graduate Schools.

*The data for 1968-69 were incomplete.

TABLE 4

FULL AND PART-TIME MASTER STUDENT ENROLMENT BY REGION AND BY FIELD OF STUDY, SELECTED YEARS

		HUMAN SCIENCES				NATURAL SCIENCES					
		HUMANITIES		SOCIAL SCIENCES		PHYSICAL & APPLIED SCIENCES		LIFE SCIENCES		TOTAL	
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
1968-69	Atlantic Provinces	407	8.0	674	6.3	415	8.1	178	6.3	1,674	7.0
	Quebec	1,619	31.9	2,365	22.0	1,097	21.4	834	29.3	5,915	24.8
	Ontario	1,981	39.1	5,219	48.5	2,293	44.7	875	30.8	10,368	43.5
	Western Provinces	1,066	21.0	2,509	23.3	1,326	25.8	958	33.7	5,859	24.6
	Canada	5,073		10,767		5,131		2,845		23,816	
1970-71	Atlantic Provinces	407	6.9	1,005	6.6	421	7.6	208	6.3	2,041	6.8
	Quebec	1,974	33.3	3,626	23.8	1,229	22.1	966	29.0	7,795	26.0
	Ontario	2,291	38.6	7,062	46.4	2,494	44.8	1,011	30.4	12,858	42.8
	Western Provinces	1,264	21.3	3,509	23.1	1,421	25.5	1,144	34.4	7,338	24.4
	Canada	5,936		15,202		5,565		3,329		30,032	
1972-73	Atlantic Provinces	351	6.1	1,066	5.9	384	7.3	213	7.1	2,014	6.3
	Quebec	2,234	38.7	5,179	28.5	1,224	23.3	875	29.2	9,512	29.6
	Ontario	2,077	36.0	8,116	44.7	2,414	45.9	951	31.7	13,558	42.1
	Western Provinces	1,109	19.2	3,781	20.8	1,236	23.5	960	32.0	7,086	22.0
	Canada	5,771		18,142		5,258		2,999		32,170	
1973-74	Atlantic Provinces	337	5.7	1,268	6.4	370	6.3	172	5.4	2,147	6.2
	Quebec	2,367	39.8	5,857	29.4	1,574	26.6	862	27.3	10,660	30.5
	Ontario	2,114	35.6	8,532	42.9	2,820	47.7	1,130	35.7	14,596	41.8
	Western Provinces	1,126	18.9	4,235	21.3	1,147	19.4	998	31.6	7,506	21.5
	Canada	5,944		19,892		5,911		3,162		34,909	
1974-75	Atlantic Provinces	375	5.5	1,277	6.2	351	5.4	203	5.6	2,206	5.9
	Quebec	2,802	41.2	5,933	28.8	1,740	27.0	1,055	29.0	11,530	30.7
	Ontario	2,548	37.5	8,899	43.2	3,088	47.9	1,262	34.7	15,797	42.1
	Western Provinces	1,073	15.8	4,514	21.9	1,267	19.7	1,115	30.7	7,969	21.2
	Canada	6,798		20,623		6,446		3,635		37,502	

Source: Adapted from data of the Canadian Association of Graduate Schools.

TABLE 5

FULL AND PART-TIME MASTER STUDENT ENROLMENT
BY FIELD OF STUDY AS A PERCENTAGE OF THE TOTAL, SELECTED YEARS

		HUMAN SCIENCES				NATURAL SCIENCES					
		HUMANITIES		SOCIAL SCIENCES		PHYSICAL & APPLIED SCIENCES		LIFE SCIENCES		TOTAL	
		NO.	%	NO.	%	NO.	%	NO.	%	NO.	%
1968-69	Atlantic Provinces	407	24.3	674	40.3	415	24.8	178	10.6	1,674	100.0
	Quebec	1,619	27.4	2,365	40.0	1,097	18.6	834	14.1	5,915	100.0
	Ontario	1,981	19.1	5,219	50.3	2,293	22.1	875	8.4	10,368	100.0
	Western Provinces	1,066	18.2	2,509	42.8	1,326	22.6	958	16.4	5,859	100.0
	Canada	5,073	21.3	10,767	45.2	5,131	21.5	2,845	11.9	23,816	100.0
1970-71	Atlantic Provinces	407	19.9	1,005	49.2	421	20.6	208	10.2	2,041	100.0
	Quebec	1,974	25.3	3,626	46.5	1,229	15.8	966	12.4	7,795	100.0
	Ontario	2,291	17.8	7,062	54.9	2,494	19.4	1,011	7.9	12,858	100.0
	Western Provinces	1,264	17.2	3,509	47.8	1,421	19.4	1,144	15.6	7,338	100.0
	Canada	5,936	19.8	15,202	50.6	5,565	18.5	3,329	11.1	30,032	100.0
1972-73	Atlantic Provinces	351	17.4	1,066	52.9	384	19.1	213	10.6	2,014	100.0
	Quebec	2,234	23.5	5,179	54.5	1,224	12.9	875	9.2	9,512	100.0
	Ontario	2,077	15.3	8,116	59.9	2,414	17.8	951	7.0	13,558	100.0
	Western Provinces	1,109	15.7	3,781	53.4	1,236	17.4	960	13.6	7,086	100.0
	Canada	5,771	17.9	18,142	56.4	5,258	16.3	2,999	9.3	32,170	100.0
1973-74	Atlantic Provinces	337	15.7	1,268	59.1	370	17.2	172	8.0	2,147	100.0
	Quebec	2,367	22.2	5,857	54.9	1,574	14.8	862	8.1	10,660	100.0
	Ontario	2,114	14.5	8,532	58.5	2,820	19.3	1,130	7.7	14,596	100.0
	Western Provinces	1,126	15.0	4,235	56.4	1,147	15.3	998	13.3	7,506	100.0
	Canada	5,944	17.0	19,892	57.0	5,911	16.9	3,162	9.1	34,909	100.0
1974-75	Atlantic Provinces	375	17.0	1,277	57.9	351	15.9	203	9.2	2,206	100.0
	Quebec	2,802	24.3	5,933	51.5	1,740	15.1	1,055	9.2	11,530	100.0
	Ontario	2,548	16.1	8,899	56.3	3,088	19.5	1,262	8.0	15,797	100.0
	Western Provinces	1,073	13.5	4,514	56.6	1,267	15.9	1,115	14.0	7,969	100.0
	Canada	6,798	18.1	20,623	55.0	6,446	17.2	3,635	9.7	37,502	100.0

Source: Adapted from data of the Canadian Association of Graduate Schools.

TABLE 6

ENROLMENT OF FULL-TIME MASTERS STUDENTS BY DISCIPLINE AND SEX, 1972-73

(in percent)

Discipline	Male	Female	Total
EDUCATION			
Physical	74.4	25.6	121
Other	56.8	43.2	1351
Total	58.2	41.8	1472
Fine & APPLIED ARTS			
Music	48.1	51.9	79
Other	47.1	52.9	138
Total	47.5	52.5	217
HUMANITIES & RELATED			
Classics	68.0	32.0	50
History	72.8	27.2	481
Library & Records Sciences	32.7	67.3	523
Modern Languages & Literature	49.2	50.8	1134
Philosophy	80.8	19.2	234
Religion & Theology	87.4	12.6	644
Translation & Interpretation	35.7	64.3	56
Other	79.2	20.8	24
Total	60.5	39.5	3146
SOCIAL SCIENCES & RELATED			
Anthropology	53.4	46.6	208
Archaeology	70.0	30.0	20
Area Studies	59.6	40.4	104
Commerce & Business Administration	93.0	7.0	1867
Economics	89.7	10.3	467
Geography	79.8	20.2	351
Law	93.1	6.9	102

continued:..

TABLE 6 (Continued)

Discipline	Male	Female	Total
SOCIAL SCIENCES & RELATED (continued)			
Linguistics	42.6	57.4	68
Man/Environment Studies	78.2	21.8	472
Political Sciences	81.0	19.0	490
Psychology	59.9	40.1	690
Social Work	48.9	51.1	714
Sociology	64.0	36.0	361
Other	80.0	20.0	10
Total	76.2	23.8	5924
AGRICULTURE & BIOLOGICAL SCIENCES			
Agriculture	85.0	15.0	200
Biochemistry & Biophysics	83.9	16.1	56
Biology	70.2	29.8	403
Botany	72.4	27.6	76
Household Science & Related	13.6	86.4	44
Veterinary Medicine	91.7	8.3	12
Zoology	71.1	28.9	173
Other	58.3	41.7	12
Total	71.9	28.1	976
ENGINEERING & APPLIED SCIENCES			
Engineering	97.2	2.8	1604
Architecture	92.2	7.8	90
Forestry	93.2	6.8	74
Total	96.8	3.2	1768
HEALTH PROFESSIONS & OCCUPATIONS			
Dentistry	81.8	18.2	22
Medicine & Medical Specialization	72.2	27.8	219
Paraclinical Sciences	54.6	45.4	55
Surgery	100.0	- -	13
Nursing	5.5	94.5	55
Pharmacy	79.6	20.4	49
Public Health & Rehab. Medicine	37.1	62.9	70
Other	87.5	12.5	8
Total	59.9	40.1	491

continued...

TABLE 6

Discipline	Male	Female	Total
MATHEMATICS & PHYSICAL SCIENCES			
Applied Mathematics	85.3	14.7	341
Mathematics	76.5	23.5	268
Chemistry	79.8	20.2	321
Geology & Related	88.4	11.6	335
Physics	94.1	5.9	324
Other	89.3	10.7	28
Total	85.2	14.8	1617
TOTAL	73.4	26.6	15943

Source: Statistics Canada, unpublished data

TABLE 7

ENROLMENT OF PART-TIME MASTERS STUDENTS BY DISCIPLINE AND SEX, 1972-73

(in percent)

Discipline	Male	Female	Total
EDUCATION			
Physical	85.3	14.7	61
Other	73.0	27.0	3479
Total	73.3	26.7	3540
FINE & APPLIED ARTS			
Music	27.0	73.0	63
Other	33.3	66.7	54
Total	30.0	70.0	117
HUMANITIES & RELATED			
Classics	66.7	33.3	27
History	73.9	26.1	444
Library & Records Sciences	30.7	69.3	261
Modern Languages & Literature	48.4	51.6	870
Philosophy	70.4	29.6	186
Religion & Theology	85.5	14.5	275
Translation & Interpretation	37.9	62.1	29
Other	14.3	85.7	7
Total	58.4	41.6	2099
SOCIAL SCIENCES & RELATED			
Anthropology	57.1	42.9	119
Archaeology	50.0	50.0	8
Area Studies	61.7	38.3	47
Commerce & Business Adminstration	95.8	4.2	1371
Economics	89.3	10.7	328
Geography	82.7	17.3	300
Law	75.2	24.8	117

continued...

TABLE 7 (Continued

Discipline	Male	Female	Total
SOCIAL SCIENCES & RELATED (continued)			
Linguistics	49.1	50.9	108
Mar/Environment Studies	83.8	16.2	111
Political Sciences	82.4	17.6	380
Psychology	61.5	38.5	397
Social Work	46.9	53.1	81
Sociology	64.2	35.8	450
Other	78.6	21.4	14
Total	80.5	19.5	3831
AGRICULTURE & BIOLOGICAL SCIENCES			
Agriculture	89.7	10.3	87
Biochemistry & Biophysics	56.5	43.5	23
Biology	76.9	23.1	147
Botany	66.7	33.3	12
Household Sciences & Related	22.2	77.8	27
Veterinary Medicine	78.6	21.4	14
Zoology	66.7	33.3	33
Other	- -	- -	- -
Total	73.2	26.8	343
ENGINEERING & APPLIED SCIENCES			
Engineering	98.1	1.9	847
Architecture	88.0	12.0	25
Forestry	98.1	1.9	105
Total	97.7	2.3	911
HEALTH PROFESSIONS & OCCUPATIONS			
Dentistry	84.6	15.4	13
Medicine & Medical Specialization	73.4	26.6	94
Paraclinical	53.7	46.3	41
Surgery	100.0	- -	2
Nursing	11.1	88.9	36
Pharmacy	40.0	60.0	10
Public Health & Rehab. Medicine	58.3	41.7	24
Other	50.0	50.0	2
Total	57.2	42.8	222

continued...

TABLE 7

Discipline	Male	Female	Total
MATHEMATICS & PHYSICAL SCIENCES			
Applied Mathematics	86.7	13.3	120
Mathematics	83.2	16.8	101
Chemistry	81.9	18.1	127
Geology & Related	92.4	7.6	66
Physics	84.9	15.1	93
Other	81.8	18.2	22
Total	85.1	14.9	529
TOTAL	74.6	25.4	11,725

Source: Statistics Canada, unpublished data

TABLE 8

ENROLMENT OF FULL-TIME MASTERS STUDENTS BY FIELD OF STUDY AND BY REGION, 1972-73

(in percent)

Field of Study	Atlantic Provinces	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada Number
Education	10.1	28.4	20.7	1.6	3.6	16.6	19.0	1893
Fine & Applied Arts	- -	37.7	24.5	- -	1.1	10.0	26.7	281
Humanities	8.9	27.6	44.3	1.7	2.7	4.7	10.1	4196
Social Sciences	6.2	26.5	42.3	3.5	1.7	6.9	12.9	7005
Agriculture & Biological Sciences	10.0	18.3	26.0	9.4	4.7	13.3	18.3	1144
Engineering & Applied Sciences	4.7	24.1	45.5	5.7	2.7	8.4	8.9	1913
Health Professions & Occupations	3.0	31.3	39.3	6.9	1.6	8.1	9.8	568
Mathematics & Physical Sciences	10.1	20.9	37.2	5.7	2.9	12.1	11.1	1948
Specializations not Reported	16.6	- -	76.1	1.2	0.3	- -	5.8	331
Total	7.7	25.5	39.7	3.7	2.4	8.4	12.6	19279

Source: Statistics Canada, unpublished data.

TABLE 9

ENROLMENT OF PART-TIME MASTERS STUDENTS BY FIELD OF STUDY AND BY REGION, 1972-73

(in percent)

Field of Study	Atlantic Provinces	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Canada Number
Education	5.3	31.0	45.4	6.5	3.2	7.5	1.1	4282
Fine & Applied Arts	- -	68.1	17.8	- -	0.8	9.6	3.7	135
Humanities	3.8	46.3	38.9	2.8	2.5	3.6	2.1	2680
Social Sciences	2.0	37.8	47.5	3.8	3.1	4.4	1.4	4374
Agriculture & Biological Sciences	6.0	45.4	20.9	8.9	6.3	7.3	5.2	383
Engineering & Applied Sciences	2.0	27.1	58.4	2.4	2.3	6.6	1.2	1115
Health Professions & Occupations	1.7	54.2	32.5	6.3	1.2	2.9	1.2	240
Mathematics & Physical Sciences	3.0	45.8	35.2	4.9	2.7	7.1	1.3	631
Specializations not Reported	46.6	- -	44.3	7.5	0.8	- -	0.8	133
Total	3.9	37.3	44.2	4.5	3.0	5.5	1.6	13973

Source: Statistics Canada, unpublished data.

TABLE 10

ENROLMENT OF FULL-TIME MASTERS STUDENTS BY PERMANENT RESIDENCE, 1972-73
(in percent)

Residence	Atlantic Provinces	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total Number
Atlantic Provinces	79.6	0.7	14.7	0.5	0.3	2.5	1.7	1083
Quebec	1.7	76.9	18.1	0.4	0.1	1.0	1.8	3225
Ontario	1.8	0.3	92.6	0.7	0.2	1.6	2.8	5088
Manitoba	1.5	0.7	14.0	73.9	1.3	4.6	4.0	543
Saskatchewan	3.9	0.3	14.6	3.9	64.8	5.7	6.8	384
Alberta	1.0	- -	6.8	0.9	0.7	85.2	5.4	1349
British Columbia	0.9	0.2	11.7	1.0	0.9	2.4	82.9	1130
Yukon	- -	- -	16.7	16.7	- -	- -	66.6	6
Northwest Territories	30.0	- -	20.0	- -	10.0	20.0	20.0	10
Total Canada	8.3	19.6	45.4	3.8	2.3	10.6	10.0	12818
Not Canada	8.1	7.5	55.4	- -	3.3	10.3	15.4	2357
Region not Reported	0.3	25.1	43.0	28.6	2.7	- -	0.3	768
Total	7.9	18.0	46.7	4.5	2.5	10.1	10.3	15943

*The available sample substantially under represents the enrolment data from Quebec universities

Source: Statistics Canada, unpublished data.

TABLE 11

ENROLMENT OF PART-TIME MASTERS STUDENTS BY PERMANENT RESIDENCE, 1972-73

(in percent)

Residence	Atlantic Provinces	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total Number
Atlantic Provinces	83.6	2.0	11.8	- -	- -	2.4	0.2	451
Quebec	0.1	88.0	11.5	0.1	0.1	0.1	0.1	3313
Ontario	0.2	0.1	98.6	0.4	0.1	0.5	0.1	5183
Manitoba	0.4	0.5	5.0	89.6	1.8	2.3	0.4	557
Saskatchewan	- -	- -	4.4	2.3	87.8	4.9	0.6	344
Alberta	- -	- -	4.4	1.3	1.2	92.0	1.1	676
British Columbia	1 4	- -	22.7	3.5	3.5	18.5	50.4	141
Northwest Territories	- -	- -	- -	- -	- -	100.0	- -	5
Total Canada	3.7	27.5	52.9	5.1	3.1	6.8	0.9	10670
Not Canada	2.4	32.9	49.2	- -	6.7	5.6	3.2	660
Region not Reported	0.5	34.4	35.7	22.0	7.4	- -	- -	395
Total	3.5	28.0	52.1	5.4	3.5	6.5	1.0	11725

*The available sample substantially under represents the enrolment data from Quebec universities

Source: Statistics Canada, unpublished data.

TABLE 12

MARITAL STATUS OF FULL-TIME AND PART-TIME MASTERS STUDENTS BY FIELD OF STUDY, 1972-73

(in percent)

	FULL-TIME			PART-TIME		
	Married	Not Married	Total Number	Married	Not Married	Total Number
FIELD OF STUDY						
Education	57.6	42.4	1374	79.4	20.6	3502
Fine & Applied Arts	37.3	62.7	212	43.6	56.4	117
Humanities & Related	34.1	65.9	3066	53.2	46.8	2060
Social Sciences & Related	39.4	60.6	5753	58.9	41.1	3801
Agriculture & Biological Sciences	39.5	60.5	965	50.7	49.3	339
Engineering & Applied Sciences	39.2	60.8	1724	64.3	35.7	902
Health Professions & Occupations	38.8	61.2	479	51.1	48.9	219
Mathematics & Physical Sciences	31.7	66.3	1592	50.1	49.9	525
Specializations not Reported	39.8	60.2	329	66.9	33.1	133
Total	39.1	60.9	15494	63.6	36.4	11598

Source: Statistics Canada, unpublished data

TABLE 13

NUMBER OF CHILDREN OF FULL-TIME MASTERS STUDENTS
BY FIELD OF STUDY, 1972

(in percent)

Field of Study	0	1	2	3	4	5	6 or more	Total Number
Social Sciences	69.4	14.6	9.8	3.4	1.9	0.3	0.5	1195
Education	46.0	14.7	21.1	10.7	4.5	2.4	0.7	422
Humanities, Languages & Fine Arts	67.7	14.7	10.0	4.1	2.6	0.3	0.6	700
Agriculture & Biological Sciences	72.0	17.0	7.0	2.1	1.1	0.8	- -	371
Engineering & Applied Sciences	67.4	20.5	9.0	2.1	0.6	0.4	- -	512
Mathematics & Physical Sciences	76.8	15.6	5.9	1.3	0.4	- -	- -	461
Health Professions & Occupations	66.1	17.5	8.5	5.8	1.4	- -	0.7	292
Total	67.2	16.0	10.1	4.0	1.9	0.5	0.3	2283

Source: Tri-Council Survey, unpublished data.

TABLE 14

NUMBER OF CHILDREN OF FULL-TIME MASTERS STUDENTS
BY SELECTED DISCIPLINE, 1972

(in percent)

Selected Discipline	0	1	2	3	4	5	6 or more	Total Number
Anthropology, Archaeology & Sociology	73.0	13.5	7.9	3.2	2.4	--	--	126
Economics	72.5	14.3	5.5	4.4	1.1	--	2.2	91
Psychology	73.4	12.2	8.5	2.7	1.6	1.1	0.5	188
Political Science	60.0	14.6	12.7	1.8	10.9	--	--	55
Geography	70.7	13.8	13.0	1.6	0.8	--	--	123
English	65.6	13.6	12.0	3.2	4.8	--	0.8	125
French	61.3	25.3	6.7	4.0	1.3	--	1.3	75
Other Modern Languages	64.4	15.1	15.1	4.1	1.3	--	--	73
History	67.7	16.5	8.7	3.9	2.4	0.8	--	127
Philosophy	81.8	9.1	3.9	3.9	1.3	--	--	77
Agriculture	71.3	16.0	9.6	1.1	1.1	1.0	--	94
Biology, Botany & Zoology	74.0	17.4	5.1	2.0	0.5	1.0	--	196
Computer Sciences, Applied Mathematics & Mathematics	80.6	14.3	4.0	1.1	--	--	--	175
Chemistry	83.5	14.1	2.4	--	--	--	--	85
Geology and Related	70.9	18.2	7.3	1.8	1.8	--	--	110
Physics	70.3	16.5	11.0	2.2	--	--	--	91

Source: Tri-Council Survey, unpublished data.

TABLE 15

AGE DISTRIBUTION OF FULL-TIME MASTERS STUDENTS BY FIELD OF STUDY, 1972-73

(in percent)

	21 YEARS OR LESS	22 YEARS	23 YEARS	24 YEARS	25 YEARS	26 YEARS	27 YEARS	28 YEARS	29 YEARS OR MORE	NUMBER
Education	1.4	4.4	7.1	8.3	7.5	8.1	5.5	6.6	51.1	1,462
Fine Arts	1.4	7.4	23.0	15.6	8.8	12.0	6.5	4.2	21.2	217
Humanities	3.9	13.1	15.0	13.1	11.3	7.3	5.2	5.1	26.1	3,097
Social Sciences & Related	4.0	11.1	17.0	13.9	12.6	9.9	6.6	5.0	19.9	5,807
Agriculture & Biological Sciences	4.0	13.2	19.3	17.5	13.6	9.5	4.8	4.2	13.9	967
Engineering & Applied Sciences	2.5	7.5	14.2	15.5	16.2	11.7	7.6	6.1	18.8	1,743
Health Professions & Occupations	2.3	11.2	15.4	14.7	12.0	8.9	5.6	5.8	24.1	482
Mathematics & Physical Sciences	6.8	18.6	20.5	15.6	11.6	8.9	5.0	3.2	9.8	1,593
TOTAL	3.8	11.3	15.9	13.9	12.1	9.3	6.0	5.0	22.7	15,368

Source: Statistics Canada, unpublished data.

TABLE 16

AGE DISTRIBUTION OF PART-TIME MASTERS STUDENTS BY FIELD OF STUDY, 1972-73

(in percent)

	22 YEARS OR LESS	23 YEARS	24 YEARS	25 YEARS	26 YEARS	27 YEARS	28 YEARS	29 YEARS OR MORE	NUMBER
Education	0.3	1.2	2.5	4.5	5.4	5.9	6.5	73.7	3,505
Fine Arts	3.5	3.5	12.9	9.5	13.8	4.3	4.3	48.2	116
Humanities	2.5	5.8	7.6	9.5	9.3	7.9	7.4	50.0	2,044
Social Sciences & Related	2.4	6.6	9.6	14.2	12.4	8.8	7.6	38.4	3,773
Agriculture & Biological Sciences	2.3	5.0	12.6	12.9	18.1	12.3	7.9	29.0	342
Engineering & Applied Sciences	1.4	4.7	7.8	12.1	11.9	7.9	6.5	47.7	902
Health Professions & Occupations	4.5	7.3	10.4	8.6	11.8	7.7	7.2	42.5	221
Mathematics & Physical Sciences	6.6	7.7	15.1	14.2	14.6	8.1	4.2	29.5	522
TOTAL	2.0	4.6	7.3	10.0	9.9	7.7	6.9	51.6	11,425

Source: Statistics Canada, unpublished data.

TABLE 17

COUNTRY OF BIRTH OF FULL-TIME MASTERS STUDENTS
BY FIELD OF STUDY, 1972

(in percent)

Field of Study	Canada	U.S.A.	Great Britain	France	Other European	South Pacific	Asia	Mediterr-anean and Middle East	Central and South America	Caribb-ean	Africa	Total Number
Social Sciences	66.6	9.0	7.0	2.0	6.3	1.4	3.8	0.9	0.4	0.9	1.7	2696
Education	75.5	4.6	6.2	0.3	3.2	2.3	3.8	0.6	0.3	1.5	1.7	658
Humanities, Languages & Fine Arts	63.8	11.4	7.5	1.6	8.9	0.5	2.0	0.9	0.9	0.9	1.6	1867
Agriculture & Biological Sciences	62.0	5.9	7.7	1.1	7.0	0.8	11.4	0.8	0.7	1.2	1.4	884
Engineering & Applied Sciences	44.1	2.1	4.5	3.1	9.9	1.3	23.0	6.6	2.2	0.8	2.3	1176
Mathematics & Physical Sciences	53.8	5.7	8.0	1.6	9.8	0.9	15.3	2.0	0.9	0.9	1.1	1324
Health Professions & Occupations	63.1	3.4	6.4	3.0	7.9	0.8	10.5	1.1	1.1	1.2	1.5	656
Total	61.3	7.1	6.9	1.8	7.8	1.1	8.7	1.8	0.9	1.0	1.6	9261

Source: Tri-Council Survey, unpublished data.

TABLE 18

COUNTRY OF BIRTH OF FULL-TIME MASTERS STUDENTS
BY SELECTED DISCIPLINE, 1972

(in percent)

Selected Discipline	Canada	U.S.A.	Great Britain	France	Other European	South Pacific	Asia	Mediterr-anean and Middle East	Central and South America	Caribb-ean	Africa	Total Number
Anthropology, Archaeology & Sociology	64.2	16.6	6.0	0.7	5.6	1.3	2.6	- -	- -	1.0	2.0	302
Economics	60.8	2.5	7.4	1.2	7.4	2.5	8.3	0.4	1.2	1.7	6.6	242
Psychology	71.4	15.1	4.5	0.6	4.3	0.6	1.9	0.9	- -	0.5	0.2	465
Political Science	65.8	8.9	7.5	1.3	8.9	0.6	4.4	- -	1.3	- -	1.3	158
Geography	57.7	7.5	20.8	1.5	7.2	1.9	1.5	0.4	- -	1.1	0.4	265
English	64.4	10.1	10.8	1.0	6.2	- -	3.9	1.0	1.0	0.7	1.0	306
French	61.2	2.9	8.2	8.8	7.6	0.6	2.4	2.4	1.2	0.6	4.1	170
Other Modern Languages	32.6	13.0	7.3	2.6	35.2	- -	3.1	0.5	3.1	1.0	1.6	193
History	68.5	12.2	6.2	0.9	7.7	0.9	1.5	- -	- -	1.2	0.9	337
Philosophy	56.3	24.1	5.1	- -	7.6	1.3	1.3	1.3	2.5	- -	0.6	158
Agriculture	55.7	2.6	9.8	1.0	8.2	1.5	13.4	2.1	2.6	1.5	1.5	194
Biology, Botany & Zoology	62.7	8.3	7.5	0.6	6.9	0.4	10.8	0.4	0.2	1.0	1.2	482
Computer Sciences, Applied Mathematics & Mathematics	56.4	5.5	5.5	2.0	9.3	0.6	16.1	2.0	0.8	1.2	0.6	507
Chemistry	46.4	4.4	9.1	1.6	10.7	1.6	21.8	1.2	1.6	0.8	0.8	252
Geology and Related	58.7	5.2	12.6	1.0	8.4	1.0	5.9	1.7	1.4	1.4	2.4	280
Physics	50.5	7.5	6.8	1.4	11.5	0.7	17.2	3.2	- -	- -	1.1	279

Source: Tri-Council Survey, unpublished data.

TABLE 19

COUNTRY OF BIRTH OF PART-TIME MASTERS STUDENTS
BY FIELD OF STUDY, 1972

(in percent)

Field of Study	Canada	U.S.A.	Great Britain	France	Other European	South Pacific	Asia	Mediterr-anean and Middle East	Central and South America	Caribb-ean	Africa	Total Number
Social Sciences	73.0	5.3	8.4	1.2	6.0	1.2	1.7	0.7	0.5	1.0	1.0	596
Education	81.3	2.1	7.8	0.1	4.7	0.9	1.5	0.1	0.1	1.0	0.4	1037
Humanities, Languages & Fine Arts	67.7	5.8	7.9	1.6	10.6	0.6	1.5	0.9	0.3	0.9	2.2	808
Agriculture & Biological Sciences	69.2	6.7	10.6	- -	4.8	1.0	3.8	- -	1.0	1.0	1.9	104
Engineering & Applied Sciences	50.6	1.5	5.2	1.5	18.0	- -	16.0	5.2	- -	0.3	1.7	344
Mathematics & Physical Sciences	59.0	6.6	8.2	2.7	10.4	0.5	7.7	2.7	0.5	0.5	1.1	183
Health Professions & Occupations	64.5	4.4	8.9	1.1	5.6	- -	11.1	2.2	- -	2.2	- -	90
Total	70.7	4.1	7.8	1.0	8.3	0.7	3.8	1.2	0.3	0.9	1.2	3162

Source: Tri-Council Survey, unpublished data.

TABLE 20

COUNTRY OF BIRTH OF PART-TIME MASTERS STUDENTS
BY SELECTED DISCIPLINE, 1972

(in percent)

Selected Discipline	Canada	U.S.A.	Great Britain	France	Other European	South Pacific	Asia	Mediterr-anean and Middle East	Central and South America	Caribb-ean	Africa	Total Number
Anthropology, Archaeology & Sociology	69.9	12.6	4.9	1.0	6.8	1.9	1.9	- -	- -	- -	1.0	103
Economics	61.8	5.5	10.9	1.8	9.1	- -	1.8	1.8	1.8	1.8	3.7	55
Psychology	80.7	7.7	1.9	- -	3.8	1.9	- -	1.0	1.0	1.0	1.0	104
Political Science	85.6	2.4	4.8	- -	4.8	- -	- -	2.4	- -	- -	- -	42
Geography	61.0	2.5	24.4	1.2	7.3	1.2	1.2	- -	- -	- -	1.2	82
English	76.5	6.0	8.7	- -	6.7	0.7	0.7	- -	- -	- -	0.7	149
French	55.6	2.8	9.3	5.6	14.8	- -	1.9	3.7	- -	2.8	3.7	108
Other Modern Languages	27.4	5.5	10.9	2.7	38.4	- -	2.7	- -	1.4	1.4	9.6	73
History	74.6	3.8	6.5	1.1	8.1	1.1	0.5	0.5	- -	1.6	2.2	185
Philosophy	80.0	8.6	- -	2.9	8.6	- -	- -	- -	- -	- -	- -	35
Agriculture	66.7	3.3	16.7	- -	10.0	- -	- -	- -	- -	3.3	- -	30
Biology, Botany & Zoology	69.4	8.2	6.1	- -	4.1	2.0	6.1	- -	2.0	- -	2.1	49
Computer Sciences, Applied Mathematics & Mathematics	63.2	6.0	9.2	2.3	8.0	1.2	5.7	1.2	- -	1.2	- -	87
Chemistry	50.0	5.3	7.9	- -	7.9	- -	21.1	7.9	- -	- -	- -	38
Geology and Related	64.1	7.7	2.6	- -	20.5	- -	- -	2.6	- -	- -	2.6	39
Physics	47.4	- -	15.8	15.8	5.3	- -	5.3	- -	5.3	- -	5.3	19

Source: Tri-Council Survey, unpublished data.

TABLE 21

COUNTRY OF CITIZENSHIP OF FULL-TIME MASTERS STUDENTS BY FIELD OF STUDY, 1972-73

(in percent)

FIELD OF STUDY	CANADA	UNITED STATES	UNITED KINGDOM	FRANCE & OTHER EUROPEAN	CARIBBEAN	CENTRAL & SOUTH AMERICA	AFRICA	SOUTH PACIFIC	ASIA	TOTAL NUMBER
Education	81.6	4.5	3.6	1.6	1.8	0.5	1.7	1.9	2.8	1,459
Fine Arts	80.2	10.1	4.1	3.7	—	0.0	0.5	1.4	—	217
Humanities	74.1	12.8	4.3	3.6	0.8	0.5	1.6	0.3	2.0	3,091
Social Sciences & Related	78.4	5.8	3.0	3.8	1.3	0.6	1.9	0.5	4.7	5,755
Agriculture & Biological Sciences	77.6	4.8	2.9	1.2	1.1	0.8	1.5	0.5	9.6	951
Engineering & Applied Sciences	53.3	1.6	3.9	9.9	1.5	1.4	6.0	0.7	21.7	1,698
Health Professions & Occupations	75.8	3.5	5.8	3.3	0.4	1.0	1.5	0.2	8.5	483
Mathematics & Physical Sciences	66.3	5.7	5.1	3.7	1.2	0.9	2.6	0.5	14.0	1,555
TOTAL	73.7	6.6	3.7	4.0	1.2	0.7	2.3	0.6	7.2	

Source: Statistics Canada, unpublished data.

TABLE 22

COUNTRY OF CITIZENSHIP OF PART-TIME MASTERS STUDENTS BY FIELD OF STUDY, 1972-73

(in percent)

FIELD OF STUDY	CANADA	UNITED STATES	UNITED KINGDOM	FRANCE & OTHER EUROPEAN	CARIBBEAN	CENTRAL & SOUTH AMERICA	AFRICA	SOUTH PACIFIC	ASIA	TOTAL NUMBER
Education	92.0	1.2	2.5	1.3	1.2	0.1	0.6	0.4	0.7	3,494
Fine Arts	86.2	4.3	2.6	5.1	—	—	—	0.9	0.9	117
Humanities	85.5	4.3	3.2	3.6	0.9	0.4	0.6	0.3	1.2	2,040
Social Sciences & Related	88.1	2.8	2.6	2.2	0.7	0.3	0.7	0.6	2.0	3,737
Agriculture & Biological Sciences	83.4	3.0	3.0	3.6	0.6	—	0.9	4.8	0.6	331
Engineering & Applied Sciences	68.7	0.9	5.5	8.7	0.6	1.0	1.3	1.0	12.3	881
Health Professions & Occupations	84.5	1.4	3.2	3.7	1.4	—	0.6	—	5.1	219
Mathematics & Physical Sciences	77.0	3.1	6.0	6.8	—	0.3	1.0	1.0	4.9	513
TOTAL	86.6	2.4	3.1	3.0	0.9	0.3	0.7	0.5	2.5	

Source: Statistics Canada, unpublished data.

TABLE 23

FULL-TIME MASTERS STUDENTS BY CITIZENSHIP AND IMMIGRATION STATUS AND BY DISCIPLINE, 1972-73

(in percent)

Discipline	Canadian Citizen	Landed Immigrant	Foreign	Non-Canadian Status Not Reported	Total Number	Canadian Citizen	Non-Canadian Citizen
EDUCATION							
Physical	88.4	7.4	4.1	- -	121	88.4	11.6
Other	80.4	12.5	6.3	0.8	1347	80.4	19.6
Total	81.1	12.1	6.1	0.7	1468	81.1	18.9
FINE & APPLIED ARTS							
Music	87.3	8.9	2.5	1.3	79	87.3	12.7
Other	76.1	18.8	5.1	- -	138	76.1	23.9
Total	80.2	14.3	3.6	- -	217	80.2	19.8
HUMANITIES & RELATED SCIENCES							
Classics	62.5	12.5	25.0	- -	48	62.5	37.5
History	80.5	10.7	7.6	1.2	477	80.5	19.5
Library & Records Sciences	82.1	14.3	3.6	- -	519	82.1	17.9
Mass Media Studies	- -	- -	- -	- -	- -	- -	- -
Modern Languages & Literature	73.2	16.2	9.4	1.2	1115	73.2	26.8
Philosophy	66.5	12.5	18.5	2.5	233	66.5	33.5
Religion & Theology	67.1	5.8	26.0	1.1	642	67.1	32.9
Translation & Interpretation	64.3	19.6	16.1	- -	56	64.3	35.7
Other	37.5	16.7	37.5	8.3	24	37.5	62.5
Total	73.4	12.6	12.9	1.1	3114	73.4	26.6
SOCIAL SCIENCES & RELATED							
Anthropology	66.8	16.8	9.9	6.4	202	66.8	33.2
Archaeology	45.0	35.0	20.0	- -	20	45.0	55.0
Area Studies	53.9	18.3	26.9	1.0	104	53.9	46.1
Commerce & Business Administration	77.7	10.6	10.7	1.0	1835	77.7	22.3
Economics	67.7	13.9	16.4	2.0	452	67.7	32.3
Geography	77.1	14.0	7.5	1.4	349	77.1	22.9
Law	76.5	9.8	12.7	1.0	102	76.5	23.5

continued...

TABLE 23 (Continued)

Discipline	Canadian Citizen	Landed Immigrant	Foreign	Non-Canadian Status Not Reported	Total Number	Canadian Citizen	Non-Canadian Citizen
SOCIAL SCIENCES & RELATED (continued)							
Linguistics	69.1	14.7	7.4	8.8	68	69.1	31.9
Man/Environment Studies	82.1	10.4	7.5	- -	469	82.1	17.9
Political Sciences	74.6	11.1	12.8	1.5	477	74.6	25.4
Psychology	82.8	9.5	6.7	1.0	673	82.8	17.2
Social Work	85.3	11.3	3.0	0.4	709	85.3	14.7
Sociology	78.4	11.2	8.2	2.2	356	78.4	21.6
Other	70.0	10.0	20.0	- -	10	70.0	30.0
Total	77.5	11.6	9.6	1.3	5826	77.5	22.5
AGRICULTURE & BIOLOGICAL SCIENCES							
Agriculture	70.2	13.6	15.2	1.0	198	70.2	29.8
Biochemistry & Biophysics	79.3	11.3	5.7	3.7	53	79.3	20.7
Biology	79.4	12.9	5.0	2.7	402	79.4	20.6
Botany	68.4	22.4	9.2	- -	76	68.4	31.6
Household Sciences & Related	72.7	6.8	20.5	- -	44	72.7	27.3
Veterinary Medicine	72.7	9.1	18.2	- -	11	72.7	27.3
Zoology	77.5	13.9	8.1	0.5	173	77.5	22.5
Other	100.0	- -	- -	- -	12	100.0	- -
Total	76.2	12.4	8.8	1.6	969	76.2	23.8
ENGINEERING & APPLIED SCIENCES							
Engineering	50.5	29.4	18.6	1.5	1596	50.5	49.5
Architecture	64.0	12.4	21.4	2.2	89	64.0	36.0
Forestry	56.8	21.6	20.3	1.3	74	56.8	43.2
Other	- -	- -	- -	- -	- -	- -	- -
Total	51.5	28.2	18.8	1.5	1759	51.5	48.5
HEALTH PROFESSIONS & OCCUPATIONS							
Dentistry	68.2	31.8	- -	- -	22	68.2	31.8
Medicine	73.6	19.9	6.5	- -	201	73.6	26.4
Medical Specialization	87.5	12.5	- -	- -	16	87.5	12.5
Paraclinical	74.1	16.7	9.2	- -	54	74.1	25.9
Surgery	69.2	23.1	7.7	- -	13	69.2	30.8
Nursing	90.9	5.5	1.8	1.8	55	90.9	9.1
Pharmacy	60.4	35.4	4.2	- -	48	60.4	39.6
Public Health & Rehab.	79.5	15.1	5.4	- -	73	79.5	20.5
Other	100.0	- -	- -	- -	3	100.0	- -
Total	75.5	19.0	5.3	0.2	485	75.5	24.5

continued...

TABLE 23

Discipline	Canadian Citizen	Landed Immigrant	Foreign	Non-Canadian Status Not Reported	Total Number	Canadian Citizen	Non-Canadian Citizen
MATHEMATICS & PHYSICAL SCIENCES							
Apllied Mathematics	65.2	19.0	15.0	0.8	368	65.2	34.8
Mathematics	64.9	18.5	15.9	0.7	265	64.9	35.1
Chemistry	56.5	26.5	12.8	4.2	313	56.5	43.5
Geology	65.9	19.3	10.8	4.0	296	65.9	34.1
Physics	68.8	20.0	10.0	1.2	320	68.8	31.2
Other	77.8	19.4	2.8	- -	36	77.8	22.2
Total	64.6	20.6	12.7	2.1	1598	64.6	35.4
TOTAL	72.6	15.1	11.0	1.3	15436	72.6	27.4

Source: Statistics Canada, unpublished data.

TABLE 24

PART-TIME MASTERS STUDENTS BY CITIZENSHIP AND IMMIGRATION STATUS AND BY DISCIPLINE, 1972-73

(in percent)

Discipline	Canadian Citizen	Landed Immigrant	Foreign	Non-Canadian Visa Status Not Reported	Total Number	Canadian Citizen	Non-Canadian Citizen
EDUCATION							
Physical	96.6	1.7	1.7	- -	59	96.6	3.4
Other	91.5	7.8	0.3	0.4	3450	91.5	8.5
Total	91.6	7.7	0.3	0.4	3509	91.6	8.4
FINE & APPLIED ARTS							
Music	92.1	7.9	- -	- -	63	92.1	7.9
Other	79.6	18.5	1.9	- -	54	79.6	20.4
Total	86.3	12.8	0.9	- -	117	86.3	13.7
HUMANITIES & RELATED							
Classics	73.1	26.9	- -	- -	26	73.1	26.9
History	89.8	6.8	1.1	2.3	440	89.8	10.2
Library & Records Sciences	87.9	10.9	0.8	0.4	257	97.9	12.1
Mass Media Studies	- -	- -	- -	- -	- -	- -	- -
Modern Languages & Literature	79.8	16.4	2.3	1.5	843	79.8	20.2
Philosophy	85.9	9.8	3.8	0.5	184	85.9	14.1
Religion & Theology	88.6	7.0	3.3	1.1	271	88.6	11.4
Translation & Interpretation	96.6	3.4	- -	- -	29	96.6	3.4
Other	85.7	- -	- -	14.3	7	85.7	14.3
Total	84.8	11.7	2.1	1.4	2057	84.8	15.2
SOCIAL SCIENCES & RELATED							
Anthropology	78.8	11.9	5.9	3.4	118	78.8	21.2
Archaeology	50.0	37.5	12.5	- -	8	50.0	50.0
Area Studies	80.4	17.4	2.2	- -	46	80.4	19.6
Commerce & Business Administration	88.3	9.7	0.7	1.3	1361	88.3	11.7
Economics	89.9	6.9	1.6	1.6	318	89.9	10.1
Geography	84.1	11.8	2.4	1.7	296	84.1	15.9
Law	85.3	10.4	2.6	1.7	116	85.3	14.7

continued...

TABLE 24 (Continued)

Discipline	Canadian Citizen	Landed Immigrant	Foreign	Non-Canadian Visa Status Not Reported	Total Number	Canadian Citizen	Non-Canadian Citizen
SOCIAL SCIENCES & RELATED (continued)							
Linguistics	76.6	18.7	3.8	0.9	107	76.6	23.4
Man/Environment Studies	86.9	9.3	3.8	- -	107	86.9	13.1
Political Sciences	90.4	6.2	1.3	2.1	374	90.4	9.6
Psychology	87.0	9.6	1.3	2.1	376	97.0	13.0
Social Work	86.1	10.1	3.8	- -	79	86.1	13.9
Sociology	89.7	6.9	2.9	0.5	448	89.7	10.3
Other	85.8	7.1	7.1	- -	14	85.8	14.2
Total	87.4	9.4	1.8	1.4	3768	87.4	12.6
AGRICULTURE & BIOLOGICAL SCIENCES							
Agriculture	77.0	16.1	1.2	5.7	87	77.0	23.0
Biochemistry & Biophysics	85.7	14.3	- -	- -	21	85.7	14.3
Biology	80.8	11.0	2.0	6.2	146	80.8	19.2
Botany	75.0	25.0	- -	- -	12	75.0	25.0
Household Sciences & Related	88.5	11.5	- -	- -	26	88.5	11.5
Veterinary Medicine	85.8	7.1	7.1	- -	14	85.8	14.2
Zoology	90.6	6.3	3.1	- -	32	90.6	9.4
Other	- -	- -	- -	- -	- -	- -	- -
Total	81.7	12.4	1.8	4.1	338	81.7	18.3
ENGINEERING & APPLIED SCIENCES							
Engineering	67.7	27.3	2.3	2.7	838	67.7	32.3
Architecture	37.5	29.2	20.8	12.5	24	37.5	62.5
Forestry	76.3	13.2	- -	10.5	38	76.3	23.7
Other	- -	- -	- -	- -	- -	- -	- -
Total	67.2	26.8	2.7	3.3	900	67.2	32.8
HEALTH PROFESSIONS & OCCUPATIONS							
Dentistry	76.9	15.4	7.7	- -	13	76.9	23.1
Medicine	80.9	12.4	3.4	3.4	89	80.9	19.1
Medical Specializations	100.0	- -	- -	- -	5	100.0	- -
Paraclinical	82.9	17.1	- -	- -	41	82.9	17.1
Surgery	50.0	50.0	- -	- -	2	50.0	50.0
Nursing	100.0	- -	- -	- -	36	100.0	- -
Pharmacy	70.0	20.0	10.0	- -	10	70.0	30.0
Other	80.0	20.0	- -	- -	25	80.0	20.0
Total	83.7	12.7	2.2	1.4	221	83.7	16.3

continued...

TABLE 24

Discipline	Canadian Citizen	Landed Immigrant	Foreign	Non-Canadian Visa Status Not Reported	Total Number	Canadian Citizen	Non-Canadian Citizen
MATHEMATICS & PHYSICAL SCIENCES							
Applied Mathematics	71.2	21.2	7.6	- -	118	71.2	28.8
Mathematics	80.2	14.8	4.0	1.0	101	80.2	19.8
Chemistry	70.1	20.5	2.3	7.1	127	70.1	29.9
Geology & Related	77.8	15.9	4.7	1.6	63	77.8	22.2
Physics	76.7	16.7	4.4	2.2	90	76.7	23.3
Other	92.0	- -	- -	8.0	25	92.0	8.0
Total	75.4	17.3	4.4	2.9	524	75.4	24.6
TOTAL	85.8	11.2	1.6	1.4	11567	85.8	14.2

Source: Statistics Canada, unpublished data.

TABLE 25

YEAR OF OBTAINED LANDED IMMIGRANT STATUS OF FULL-TIME MASTERS STUDENTS BY FIELD OF STUDY, 1972

(in percent)

Field of Study	1971*	1970	1969	1968	1967	1966	1950-1965	Total Number
Social Sciences	28.5	24.0	15.8	9.4	7.9	2.2	12.2	404
Education	14.7	9.3	20.0	9.3	20.0	5.4	21.3	75
Humanities, Languages & Fine Arts	19.2	19.2	10.3	15.7	11.0	5.3	19.3	281
Agriculture & Biological Sciences	23.5	32.7	17.0	10.5	2.6	3.9	9.8	153
Engineering & Applied Sciences	39.2	25.9	14.0	7.7	6.3	2.7	4.2	336
Mathematics & Physical Sciences	31.4	33.7	12.1	6.9	5.3	2.2	8.4	321
Health Professions & Occupations	25.6	21.3	12.0	11.1	10.2	6.8	13.0	117
Total	28.5	25.4	14.6	9.8	7.8	3.4	10.5	1687

*includes some graduates from 1972

Source: Tri-Council Survey, unpublished data.

TABLE 26

YEAR OF OBTAINED LANDED IMMIGRANT STATUS OF FULL-TIME MASTERS STUDENTS BY SELECTED DISCIPLINE, 1972

(in percent)

Selected Discipline	1971*	1970	1969	1968	1967	1966	1950-1965	Total Number
Anthropology, Archaeology & Sociology	26.8	28.6	10.7	14.3	7.1	3.6	9.0	56
Economics	47.4	23.7	15.8	2.6	2.6	- -	7.9	38
Psychology	42.9	18.6	15.7	5.7	1.4	2.8	12.9	70
Political Science	28.6	35.7	14.3	- -	7.1	- -	14.3	14
Geography	38.2	29.1	12.7	7.3	3.6	1.8	7.3	55
English	19.1	16.6	11.9	4.8	14.3	4.8	28.5	42
French	20.0	17.1	14.3	11.4	25.7	5.7	5.8	35
Other Modern Languages	19.1	23.8	4.8	19.1	4.7	- -	28.5	42
History	23.8	21.4	11.9	19.1	4.8	2.4	16.6	42
Philosophy	30.0	23.3	6.7	10.0	13.3	10.0	6.7	30
Agriculture	22.7	34.1	20.5	9.1	4.5	2.3	6.8	44
Biology, Botany & Zoology	24.7	33.8	15.6	10.4	- -	5.2	10.3	77
Computer Sciences, Applied Mathematics & Mathematics	26.3	32.3	13.1	9.1	6.1	2.0	11.1	99
Chemistry	37.5	36.3	12.5	5.0	1.3	3.7	3.7	80
Geology and Related	31.7	31.7	12.7	9.5	6.4	1.6	6.4	63
Physics	32.1	34.6	10.3	3.9	7.7	1.3	10.1	78

Source: Tri-Council Survey, unpublished data

*includes some graduates from 1972

TABLE 27

YEAR OF OBTAINED LANDED IMMIGRANT STATUS OF PART-TIME MASTERS STUDENTS BY FIELD OF STUDY, 1972

(in percent)

Field of Study	1971*	1970	1969	1968	1967	1966	1950-1965	Total Number
Social Sciences	10.6	18.8	21.2	17.6	15.3	4.7	11.8	85
Education	3.2	5.3	11.7	16.0	8.5	10.6	44.7	94
Humanities, Languages & Fine Arts	4.4	9.7	17.7	18.6	19.5	4.4	25.7	113
Agriculture & Biological Sciences	- -	30.4	26.1	13.0	17.4	4.4	8.7	23
Engineering & Applied Sciences	8.0	7.0	16.0	28.0	26.0	9.0	6.0	100
Mathematics & Physical Sciences	10.4	12.5	22.9	18.8	18.8	4.2	12.5	48
Health Professions & Occupations	6.2	31.3	25.0	18.8	12.5	6.2	- -	16
Total	6.5	11.9	18.0	19.6	17.5	6.7	19.8	479

*includes some graduates from 1972

Source: Tri-Council Survey, unpublished data.

TABLE 28

YEAR OF OBTAINED LANDED IMMIGRANT STATUS OF PART-TIME MASTERS STUDENTS BY SELECTED DISCIPLINE, 1972

(in percent)

Selected Discipline	1971*	1970	1969	1968	1967	1966	1950-1965	Total Number
Anthropology, Archaeology & Sociology	- -	22.2	27.8	22.2	11.1	- -	16.7	18
Economics	7.7	15.3	23.1	23.1	- -	7.7	23.1	13
Psychology	18.2	27.3	18.2	27.3	9.1	- -	- -	11
Political Science	- -	50.0	50.0	- -	- -	- -	- -	2
Geography	12.5	18.8	18.8	12.5	25.0	6.2	6.2	16
English	- -	28.6	14.3	7.1	14.3	7.1	28.6	14
French	9.1	9.1	13.6	13.6	27.3	9.1	18.2	22
Other Modern Languages	- -	7.2	21.4	14.3	32.1	- -	25.0	28
History	12.5	- -	12.5	37.5	12.5	6.2	18.8	16
Philosophy	- -	- -	50.0	25.0	- -	- -	25.0	4
Agriculture	- -	16.6	16.6	16.7	16.7	16.7	16.7	6
Biology, Botany & Zoology	- -	- -	50.0	20.0	30.0	- -	- -	10
Computer Sciences, Applied Mathematics & Mathematics	5.5	5.6	33.3	16.7	11.1	11.1	16.7	18
Chemistry	13.3	20.0	6.7	20.0	40.0	- -	- -	15
Geology and Related	10.0	- -	30.0	30.0	10.0	- -	20.0	10
Physics	20.0	40.0	20.0	- -	- -	- -	20.0	5

Source: Tri-Council Survey, unpublished data.

*includes some graduates from 1972

TABLE 29

CAREER LOCATION OF FULL-TIME AND PART-TIME MASTERS STUDENTS BY FIELD OF STUDY, 1972

(in percent

FIELD OF STUDY	FULL-TIME				PART-TIME			
	IN CANADA	OUTSIDE CANADA	BOTH	TOTAL NUMBER	IN CANADA	OUTSIDE CANADA	BOTH	TOTAL NUMBER
Social Sciences	86.3	9.6	4.1	2,579	92.5	3.7	3.8	571
Education	87.1	9.3	3.6	636	97.0	1.8	1.2	1,020
Humanities, Languages and Fine Arts	84.5	9.4	6.1	1,777	91.3	4.0	4.7	778
Agriculture and Biological Sciences	86.1	9.7	4.2	837	86.0	7.0	7.0	100
Engineering & Applied Sciences	82.7	12.8	4.5	1,127	93.7	3.6	2.7	335
Mathematics and Physical Sciences	87.6	8.8	3.6	1,252	93.8	2.8	3.4	178
Health Professions & Occupations	94.9	5.1	—	613	96.6	3.4	--	87
TOTAL	86.3	9.5	4.2	8.821	93.8	3.2	3.0	3,069

Source: Tri-Council Survey, unpublished data.

TABLE 30

CAREER LOCATION OF FULL-TIME AND PART-TIME MASTERS STUDENTS BY SELECTED DISCIPLINE, 1972

(in percent)

	FULL-TIME				PART-TIME			
SELECTED DISCIPLINE	IN CANADA	OUTSIDE CANADA	BOTH	TOTAL NUMBER	IN CANADA	OUTSIDE CANADA	BOTH	TOTAL NUMBER
Anthropology, Archaeology, and Sociology	88.3	7.1	4.6	281	94.0	3.0	3.0	99
Economics	81.5	15.4	3.1	227	90.6	5.7	3.7	53
Psychology	91.0	5.7	3.3	442	91.2	2.0	6.8	102
Political Science	86.0	11.2	2.8	143	95.1	4.9	--	41
Geography	79.0	15.4	5.6	253	93.3	4.0	2.7	75
English	83.9	9.1	7.0	285	90.9	4.2	4.9	143
French	87.4	6.9	5.7	159	94.2	2.9	2.9	104
Other Modern Languages	83.8	8.9	7.3	179	91.3	1.4	7.3	69
History	85.4	9.9	4.7	322	93.2	1.7	5.1	177
Philosophy	81.9	12.1	6.0	149	91.4	5.7	2.9	35
Agriculture	81.3	13.9	4.8	187	82.8	10.3	6.9	29
Biology, Botany & Zoology	89.4	7.1	3.5	453	85.1	6.4	8.5	47
Computer Sciences, Applied Mathematics & Mathematics	90.6	6.9	2.5	478	95.4	1.1	3.5	87
Chemistry	83.1	14.4	2.5	237	94.4	--	5.6	36
Geology and Related	86.1	8.4	5.5	273	88.9	8.3	2.8	36
Physics	87.3	7.6	4.5	264	94.7	5.3	--	19

Source: Tri-Council Survey, unpublished data.

TABLE 31

REASON FOR GRADUATE STUDY OF FULL-TIME AND PART-TIME MASTERS STUDENTS
BY FIELD OF STUDY, 1972

(in percent)

	FULL-TIME				PART-TIME			
FIELD OF STUDY	TO IMPROVE QUALIFICATIONS	TO QUALIFY FOR OTHER OCCUPATIONS	OTHER	TOTAL NUMBER	TO IMPROVE QUALIFICATIONS	TO QUALIFY FOR OTHER OCCUPATIONS	OTHER	TOTAL NUMBER
Social Sciences	49.8	35.1	15.1	211	58.1	26.9	15.0	480
Education	67.6	24.8	7.6	105	84.8	10.5	4.6	969
Humanities, Languages & Fine Arts	45.9	34.3	19.8	172	61.3	18.8	19.9	659
Agriculture and Biological Sciences	55.8	37.2	7.0	43	66.7	24.1	9.2	87
Engineering and Applied Sciences	64.9	23.0	12.2	74	73.2	16.8	10.0	321
Mathematics and Physical Sciences	59.5	31.6	8.9	79	78.8	10.9	10.3	156
Health Professions and Occupations	50.0	50.0	—	2	67.5	22.5	10.0	80
TOTAL	54.7	31.8	13.5	686	71.8	16.9	11.3	2,752

Source: Tri-Council Survey, unpublished data.

TABLE 32

REASON FOR GRADUATE STUDY OF FULL-TIME AND PART-TIME MASTERS STUDENTS BY SELECTED DISCIPLINE, 1972

(in percent)

SELECTED DISCIPLINE	FULL-TIME				PART-TIME			
	TO IMPROVE QUALIFICATIONS	TO QUALIFY FOR OTHER OCCUPATIONS	OTHER	TOTAL NUMBER	TO IMPROVE QUALIFICATIONS	TO QUALIFY FOR OTHER OCCUPATIONS	OTHER	TOTAL NUMBER
Anthropology, Archaeology & Sociology	52.0	24.0	24.0	25	51.4	32.4	16.2	74
Economics	45.0	35.0	20.0	20	44.9	34.7	20.4	49
Psychology	64.3	21.4	14.3	14	71.6	17.3	11.1	81
Political Science	11.1	44.4	44.4	9	38.7	32.3	29.0	31
Geography	54.5	27.3	18.2	33	64.2	19.4	16.4	67
English	26.7	33.3	40.0	6	60.4	17.0	22.6	106
French	70.4	14.8	14.8	27	52.7	32.3	15.0	93
Other Modern Languages	55.0	40.0	5.0	20	43.9	33.3	22.8	57
History	33.3	46.2	20.5	8	48.6	22.6	28.8	146
Philosophy	40.0	13.3	46.7	7	51.9	18.5	29.6	27
Agriculture	61.5	23.1	15.4	13	69.2	23.1	7.7	26
Biology, Botany and Zoology	55.0	40.0	5.0	20	68.3	22.0	9.7	41
Computer Sciences, Applied Mathematics & Mathematics	63.6	30.3	6.1	33	82.9	10.5	6.6	76
Chemistry	30.0	50.0	20.0	10	75.0	12.5	12.5	32
Geology & Related	80.0	15.0	5.0	20	80.0	8.6	11.4	35
Physics	43.8	43.8	12.5	16	61.5	15.4	23.1	13

Source: Tri-Council Survey, unpublished data

TABLE 33

EMPLOYMENT SECTOR OF FULL-TIME MASTERS STUDENTS
BY FIELD OF STUDY, 1972

(in percent)

Field of Study	Federal Government	Provincial & Municipal Government	University	Hospital	Community College	Elementary & Secondary Schools	Industry	Private Practice	Other	Total Number
Social Sciences	13.3	19.4	18.0	2.4	5.2	7.1	7.6	5.2	22.7	211
Education	4.8	14.3	9.5	- -	2.9	50.4	- -	- -	18.1	105
Humanities, Languages & Fine Arts	5.8	1.7	19.2	1.2	8.7	26.1	- -	1.2	35.5	172
Agriculture & Biological Sciences	14.0	11.6	39.5	2.3	- -	11.6	2.3	- -	18.6	43
Engineering & Applied Sciences	25.7	6.8	24.3	- -	5.4	1.4	12.2	10.8	13.5	74
Mathematics & Physical Sciences	19.0	3.8	46.8	1.3	3.8	2.5	12.7	2.5	7.6	79
Health Professions & Occupations	- -	- -	50.0	- -	- -	- -	- -	- -	50.0	2
Total	11.8	10.5	22.5	1.3	5.3	17.6	5.4	3.3	22.3	686

Source: Tri-Council Survey, unpublished data.

TABLE 34

EMPLOYMENT SECTOR OF FULL-TIME MASTERS STUDENTS
BY SELECTED DISCIPLINE, 1972

(in percent)

Selected Discipline	Federal Government	Provincial & Municipal Government	University	Hospital	Community College	Elementary & Secondary Schools	Industry	Private Practice	Other	Total Number
Anthropology, Archaeology & Sociology	8.0	24.0	24.0	- -	4.0	8.0	- -	0.8	24.0	25
Economics	20.0	25.0	20.0	- -	- -	10.0	- -	- -	25.0	20
Psychology	14.3	21.4	- -	21.0	7.1	7.1	- -	7.1	21.4	14
Political Science	11 1	33.3	22.2	- -	- -	11.1	- -	- -	22.2	9
Geography	15.2	12.1	33.3	- -	6.1	15.2	3.0	3.0	12.1	33
English	6.7	6.7	13.3	- -	- -	20.0	- -	- -	53.3	15
French	11.1	- -	29.6	- -	11.1	29.6	- -	- -	18.5	27
Other Modern Languages	10.0	- -	25.0	- -	10.0	20.0	5.0	- -	30.0	20
History	10.3	2.6	17.9	- -	5.1	28.2	- -	- -	35.9	39
Philosophy	- -	- -	13.3	6.7	46.7	6.7	- -	- -	26.7	15
Agriculture	23.1	15.4	46.2	- -	- -	7.7	- -	- -	7.7	13
Biology, Botany & Zoology	0.5	15.0	35.0	- -	- -	20.0	- -	- -	25.0	20
Computer Science, Applied Mathematics & Mathematics	15.2	3.0	31.5	- -	6.1	6.1	15.1	- -	3.0	33
Chemistry	10.0	10.0	60.0	- -	- -	- -	10.0	10.0	- -	10
Geology and Related	35.0	5.0	25.0	- -	- -	- -	20.0	- -	15.0	20
Physics	12.5	- -	56.3	6.3	6.3	- -	- -	6.3	12.5	16

Source: Tri-Council Survey, unpublished data.

TABLE 35

EMPLOYMENT SECTOR OF PART-TIME MASTERS STUDENTS
BY FIELD OF STUDY, 1972

(in percent)

Field of Study	Federal Government	Provincial & Municipal Government	University	Hospital	Community College	Elementary & Secondary Schools	Industry	Private Practice	Other	Total Number
Social Sciences	12.3	18.1	16.0	2.9	5.8	19.2	7.9	2.5	15.2	480
Education	1.5	5.5	4.7	0.7	3.6	76.2	0.2	0.2	7.3	969
Humanities, Languages & Fine Arts	6.5	3.5	17.8	0.8	7.6	36.1	1.5	1.1	25.2	659
Agriculture & Biological Sciences	21.8	29.8	21.8	4.6	- -	9.2	2.3	1.1	9.2	87
Engineering & Applied Sciences	8.7	15.2	9.7	0.6	5.0	1.6	42.4	5.0	11.8	321
Mathematics & Physical Sciences	6.4	10.9	37.2	0.6	5.1	15.4	20.5	1.3	2.6	156
Health Professions & Occupations	5.0	12.6	30.0	25.0	5.0	1.3	- -	3.8	17.8	80
Total	6.5	9.6	13.5	1.9	5.1	40.2	8.0	1.6	13.6	2752

Source: Tri-Council Survey, unpublished data.

TABLE 36

EMPLOYMENT SECTOR OF PART-TIME MASTERS STUDENTS
BY SELECTED DISCIPLINE, 1972

(in percent)

Selected Discipline	Federal Government	Provincial & Municipal Government	University	Hospital	Community College	Elementary & Secondary Schools	Industry	Private Practice	Other	Total Number
Anthropology, Archaeology & Sociology	6.7	14.8	20.3	1.4	6.8	24.3	2.7	2.7	20.3	74
Economics	30.6	16.3	18.4	- -	- -	6.1	12.2	- -	16.3	49
Psychology	3.7	13.6	14.8	12.3	7.4	32.1	1.2	2.5	12.3	81
Political Science	19.4	19.4	6.5	3.2	12.9	12.9	6.5	3.2	16.1	31
Geography	6.0	26.9	11.9	- -	7.6	31.4	3.0	7.5	6.0	67
English	8.6	5.4	22.6	1.1	8.6	41.9	1.1	- -	10.8	93
French	16.0	- -	20.0	- -	- -	52.0	- -	- -	12.0	25
Other Modern Languages	12.5	- -	21.9	3.1	15.6	31.3	3.1	- -	12.5	32
History	15.1	0.7	11.0	- -	6.8	42.4	2.7	- -	21.2	146
Philosophy	7.4	- -	3.7	- -	37.0	25.9	3.7	3.7	18.5	27
Agriculture	26.9	46.2	3.8	- -	- -	- -	3.8	3.8	15.4	26
Biology, Botany & Zoology	22.0	24.4	34.2	2.4	- -	14.6	- -	- -	2.4	41
Computer Science, Applied Mathematics & Mathematics	4.0	5.3	48.7	- -	5.3	19.7	15.8	- -	1.3	76
Chemistry	3.1	6.3	21.9	- -	6.3	18.7	37.5	- -	6.3	32
Geology and Related	8.6	31.4	28.6	- -	2.9	- -	22.9	2.9	2.9	35
Physics	23.1	- -	30.8	7.7	7.7	23.1	- -	7.7	- -	13

Source: Tri-Council Survey, unpublished data.

TABLE 37

ANTICIPATED YEAR OF GRADUATION OF FULL-TIME MASTERS STUDENTS BY FIELD OF STUDY, 1972

(in percent)

Field of Study	1972*	1973	1974	1975	1976-77	Total Number
Social Sciences	66.0	31.4	2.3	0.2	0.1	2624
Education	82.9	15.7	1.1	- -	0.3	643
Humanities, Languages & Fine Arts	69.7	28.8	1.3	0.2	- -	1812
Agriculture & Biological Sciences	66.2	33.0	0.8	- -	- -	862
Engineering & Applied Sciences	77.0	21.0	1.5	0.5	- -	1159
Mathematics & Physical Sciences	72.4	26.0	1.6	- -	- -	1292
Health Professions & Occupations	2.1	65.6	31.8	0.5	- -	654
Total	65.7	30.3	3.8	0.2	- -	9046

*includes some graduates from 1971

Source: Tri-Council Survey, unpublished data

TABLE 38

ANTICIPATED YEAR OF GRADUATION OF FULL-TIME MASTERS STUDENTS BY SELECTED DISCIPLINE, 1972

(in percent)

Selected Discipline	1972*	1973	1974	1975	1976-77	Total Number
Anthropology, Archaeology & Sociology	75.8	22.5	1.7	- -	- -	293
Economics	82.1	17.5	- -	- -	0.4	240
Psychology	74.2	20.8	4.6	0.2	0.2	457
Political Science	88.1	11.9	- -	- -	- -	151
Geography	70.3	29.3	- -	0.4	- -	259
English	82.1	16.3	1.3	0.3	- -	301
French	75.3	23.5	1.2	- -	- -	162
Other Modern Languages	72.7	24.1	2.7	0.5	- -	187
History	76.4	22.7	0.9	- -	- -	322
Philosophy	79.7	19.0	0.7	0.7	- -	153
Agriculture	67.0	31.4	1.6	- -	- -	191
Biology, Botany & Zoology	63.9	35.5	0.6	- -	- -	471
Computer Sciences, Applied Mathematics & Mathematics	80.6	17.6	1.8	- -	- -	494
Chemistry	66.2	31.3	2.5	- -	- -	240
Geology and Related	57.6	40.6	1.8	- -	- -	283
Physics	78.2	21.5	0.3	- -	- -	275

Source: Tri-Council Survey, unpublished data

*includes some graduates from 1971

TABLE 39

ANTICIPATED YEAR OF GRADUATION OF PART-TIME MASTERS STUDENTS
BY FIELD OF STUDY, 1972

(in percent)

Field of Study	1972*	1973	1974	1975	1976-77	Total Number
Social Sciences	60.9	24.1	7.9	4.8	2.3	568
Education	44.4	33.9	14.4	5.4	2.0	965
Humanities, Languages & Fine Arts	59.9	26.1	8.4	4.1	1.5	750
Agriculture & Biological Sciences	80.4	13.4	6.2	- -	- -	97
Engineering & Applied Sciences	57.5	21.1	11.0	5.2	5.2	327
Mathematics & Physical Sciences	60.7	26.6	6.4	5.2	1.1	173
Health Professions & Occupations	56.8	27.3	9.1	4.6	2.2	88
Total	55.4	27.4	10.4	4.7	2.1	2968

*includes some graduates from 1971

Source: Tri-Council Survey, unpublished data

TABLE 40

ANTICIPATED YEAR OF GRADUATION OF PART-TIME MASTERS STUDENTS BY SELECTED DISCIPLINE, 1972

(in percent)

Selected Discipline	1972*	1973	1974	1975	1976-77	Total Number
Anthropology, Archaeology & Sociology	65.7	31.3	1.0	1.0	1.0	99
Economics	58.8	27.5	7.8	3.9	2.0	51
Psychology	74.8	19.4	5.8	- -	- -	103
Political Science	85.3	4.9	4.9	4.7	- -	41
Geography	70.1	19.5	6.5	3.9	- -	77
English	65.7	24.8	6.6	2.2	0.7	137
French	62.9	27.6	6.6	1.9	1.0	105
Other Modern Languages	55.7	35.7	1.4	7.2	- -	70
History	67.2	24.0	6.4	1.2	1.2	171
Philosophy	66.7	24.2	6.1	3.0	- -	33
Agriculture	79.3	10.3	10.3	- -	- -	29
Biology, Botany & Zoology	87.0	10.9	2.1	- -	- -	46
Computer Sciences, Applied Mathematics & Mathematics	59.5	23.8	7.1	7.1	2.4	84
Chemistry	45.7	40.0	5.7	8.6	- -	35
Geology and Related	75.0	19.4	5.6	- -	- -	36
Physics	66.7	27.8	5.5	- -	- -	18

Source: Tri-Council Survey, unpublished data
*Includes some graduates from 1971

TABLE 41

ANTICIPATED EMPLOYMENT SECTOR OF FULL-TIME MASTERS STUDENTS
BY FIELD OF STUDY, 1972

(in percent)

Field of Study	Government	University	Community College	Elementary & Secondary Schools	Hospital	Industry	Private Practice	Total Number
Social Sciences	31.3	31.9	4.2	7.0	4.5	19.2	5.1	1949
Education	10.0	26.9	5.6	54.8	0.6	0.4	1.6	498
Humanities, Languages & Fine Arts	8.2	63.8	7.4	16.8	0.7	1.0	2.6	1216
Agriculture & Biological Sciences	35.2	43.0	3.7	4.5	3.7	6.7	3.2	625
Engineering & Applied Sciences	18.5	21.5	1.2	0.5	0.3	51.2	6.7	920
Mathematics & Physical Sciences	15.5	42.6	4.7	4.4	0.6	31.1	1.2	918
Health Professions & Occupations	8.5	49.3	1.9	1.0	34.4	3.1	1.8	483
Total	20.2	39.8	4.3	9.5	4.5	18.2	3.6	6609

Source: Tri-Council Survey, unpublished data.

TABLE 42

ANTICIPATED EMPLOYMENT SECTOR OF FULL-TIME MASTERS STUDENTS BY SELECTED DISCIPLINE, 1972

(in percent)

Selected Discipline	Government	University	Community College	Elementary & Secondary Schools	Hospital	Industry	Private Practice	Total Number
Anthropology, Archaeology & Sociology	24.1	63.0	4.2	4.2	0.5	2.3	1.8	216
Economics	58.0	27.8	3.4	1.1	- -	8.0	1.7	176
Psychology	13.0	47.2	3.9	7.5	18.9	4.2	5.2	307
Political Science	40.2	45.9	8.2	2.5	- -	0.8	2.5	122
Geography	36.7	37.6	9.1	9.1	- -	5.7	1.9	210
English	2.3	70.1	10.0	15.4	- -	0.5	1.8	221
French	10.0	51.7	15.8	20.8	- -	0.8	0.8	120
Other Modern Languages	6.5	66.0	5.2	17.6	- -	- -	4.6	153
History	12.7	58.4	3.2	18.0	0.4	0.8	1.6	245
Philosophy	1.7	86.6	9.2	0.8	- -	- -	1.6	119
Agriculture	54.3	17.9	1.4	- -	- -	20.0	6.4	140
Biology, Botany & Zoology	33.0	49.6	4.1	6.2	3.0	2.1	2.1	339
Computer Sciences, Applied Mathematics & Mathematics	10.5	48.3	8.2	4.8	0.3	27.3	0.6	352
Chemistry	14.2	41.4	3.6	8.9	1.8	29.0	1.2	169
Geology and Related	27.2	21.8	- -	0.5	- -	47.5	3.0	202
Physics	15.5	42.6	4.7	4.4	0.6	31.1	1.2	918

Source: Tri-Council Survey, unpublished data.

TABLE 43

ANTICIPATED EMPLOYMENT SECTOR OF PART-TIME MASTERS STUDENTS
BY FIELD OF STUDY, 1972

(in percent)

Field of Study	Government	University	Community College	Elementary & Secondary Schools	Hospital	Industry	Private Practice	Total Number
Social Sciences	29.2	27.1	5.8	19.7	2.7	10.8	4.7	446
Education	6.0	9.7	5.6	77.3	0.8	0.2	0.4	906
Humanities, Languages & Fine Arts	11.0	38.1	12.9	35.0	0.9	0.9	1.2	565
Agriculture & Biological Sciences	59.5	16.7	3.6	5.9	3.6	3.6	7.1	84
Engineering & Applied Sciences	23.7	9.3	5.2	0.7	1.0	51.9	8.2	291
Mathematics & Physical Sciences	15.2	29.6	10.3	15.9	0.7	26.2	2.1	145
Health Professions & Occupations	16.4	32.9	5.1	1.3	39.2	- -	5.1	79
Total	15.9	21.2	7.4	40.4	2.5	9.8	2.8	2516

Source: Tri-Council Survey, unpublished data

TABLE 44

ANTICIPATED EMPLOYMENT SECTOR OF PART-TIME MASTERS STUDENTS
BY SELECTED DISCIPLINE, 1972

(in percent)

Selected Discipline	Government	University	Community College	Elementary & Secondary Schools	Hospital	Industry	Private Practice	Total Number
Anthropology, Archaeology & Sociology	22.5	42.3	8.5	23.9	1.4	1.4	- -	71
Economics	53.9	20.5	- -	5.1	- -	20.5	- -	39
Psychology	7.6	22.7	7.6	42.4	13.6	- -	6.1	66
Political Science	36.1	30.6	2.8	19.4	- -	2.8	8.3	36
Geography	25.7	20.0	11.4	27.2	- -	5.7	10.0	70
English	4.5	43.3	17.1	34.2	- -	0.9	- -	111
French	11.5	42.5	11.5	33.3	1.2	- -	- -	87
Other Modern Languages	10.2	40.7	13.5	32.2	1.7	- -	1.7	59
History	18.9	28.0	9.8	39.8	- -	2.1	1.4	143
Philosophy	7.4	44.5	25.9	14.8	- -	- -	7.4	27
Agriculture	85.7	3.6	- -	- -	- -	7.1	3.6	28
Biology, Botany & Zoology	51.2	24.4	4.9	7.3	4.9	- -	7.3	41
Computer Sciences, Applied Mathematics & Mathematics	9.4	41.9	12.2	18.9	- -	17.6	- -	74
Chemistry	10.7	10.7	10.7	25.0	3.6	39.3	- -	28
Geology and Related	34.5	10.3	- -	- -	- -	44.9	10.3	29
Physics	14.3	42.9	21.4	14.3	- -	7.1	- -	14

Source: Tri-Council Survey, unpublished data.

TABLE 45

PART AND FULL-TIME MASTER STUDENT ENROLMENT AS RECORDED BY STATISTICS CANADA, UNIVERSITY STUDENT INFORMATION SYSTEM AND TRI-COUNCIL SURVEY, 1972-73

FIELD OF STUDY	FULL-TIME			PART-TIME		
	STATISTICS CANADA	UNIVERSITY STUDENT INFORMATION SYSTEM	TRI-COUNCIL SURVEY, 1972	STATISTICS CANADA	UNIVERSITY STUDENT INFORMATION SYSTEM	TRI-COUNCIL SURVEY, 1972
Social Sciences	7,411	5,924	2,697	3,896	3,831	598
Education	2,156	1,472	660	3,662	3,540	1,038
Humanities, Languages & Fine Arts	4,527	3,363	1,872	2,582	2,216	812
Agriculture & Biological Sciences	1,405	976	884	354	343	105
Engineering & Applied Sciences	2,192	1,768	1,177	991	911	344
Mathematics & Physical Sciences	2,054	1,617	1,325	577	529	184
Health Professions & Occupations	1,224	491	626	219	222	79
TOTAL	20,969	15,943	9,241	12,281	11,725	3,160

Source: Statistics Canada, University Student Information System, Tri-Council Survey, unpublished data.